

1932

Coln notes

Intergas

Arslan



Very large *Colaptes auratus*
 of # 31-32.



Med. + shaded =
 a light or dark I might
 say, Indian purple

General back area.
 light buff pink or vinaceous
 pin

coll back

horns of the
 not looking
 hazel



ambulatory
 white with
 corner

? *Pagrus triangulatus* e.

M. Edw + Bow.



ambulatory
 second (legs) cladyt do not
 seem to fit may be diff or
 new species ??

etc with
 in purple
 etc.



#3-32 Jan 17, 1932

2-550-1

P. ... part of
Sall ...
do. ...
of ...
St ...
...
...
...
...

? Pagurula triangulatus

M. Edw + Bowd.

ambulatory
second (legs) dactyls do not
seem to fit may be diff or
new species ??

Very large ~~Colaptes~~ ^{spangula} out
 of # 31-32.

littered + shaded =
 a light or dark I might
 say, Indian purple



General tick area.
 light buff pink + vinaceous
 pink; granules lighter (could almost call back
 salmon).

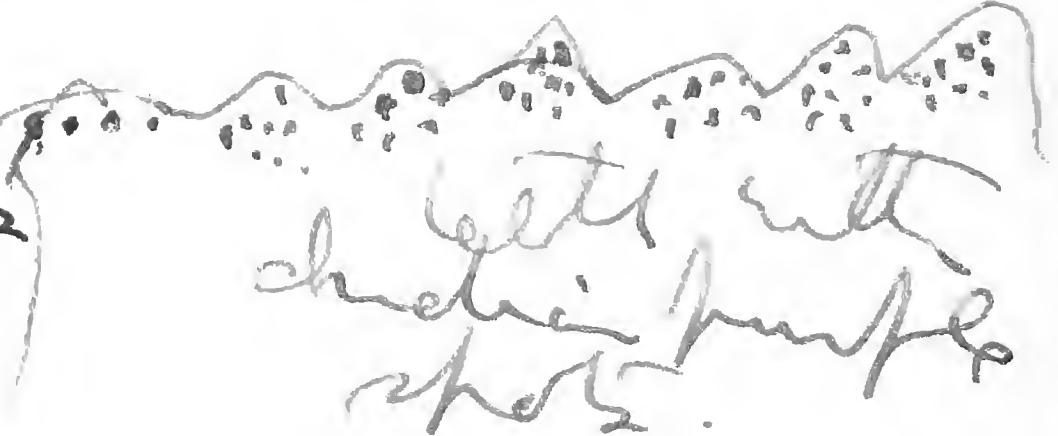
try in,
 O - also frame
 name etc.
 1-8 - narrow spots
 shaded out looking
 brown = hazel



ambulations
 white with
 corners dark

Chela plumbeo iridescent.

between granules / granules
 not iridescent dull



with rich
 chestnut purple
 spots.



inside curves
 and innermost = dark red.

7-32 June 20, 1932.

Styrene coll. under
rocks. West side of road.

Automate

(rt. hand lost)

quite colorless translucent, body with
suggestion of green (palest olive buff) tail fan with
lightest suggestion of reddish tinge due to scattered
crimson chrysalis stages.

Stomach shows through ^{translucent} brown
cray " " orange

Eggs beneath abdomen " " cadmium orange

rt. hand
lost
= left hand

Base of fingers, distal fifth about of palm,
and carpus with ^{subpressed} pale orange buff.

7-32

Stenopus

carmine to rose red with
design of china white down middle line of ^{compressed}
transverse bars of white

of amber { dactyls translucent white } abd.
color { distal + prox ends of propodi ditto
+ perhaps extreme edge of carpi

Middle third of antennal flagellum alternately white
+ red banded, basal third all red, distal third
all white.

Carries itself with head end always
bent up. ^{large} chelipeds
which are missing
in this spec. ^{drawn back as though}
ready to strike a blow.

And mouthparts which
are all red, extended

strong forward as though to stab something

Antennular flagella are colored like antennal
outer branch is folded back over body on either side of
last abd.omite. In branches extend out on either side at right \angle
to body; and antennal flagella at 45° angle between first two.

7-32

Crangon

June 20, 1932

this one
lost
small
chela
sugar etc.

Two large males are about of a color in
body but chelae of one are bet. malachite &
tena verte green with white markings,
identical in both, green of other chelae is bet
sage + olive green nearer former; bodies more
a less ~~pale~~ pale to whitish sepia. Segs
of ~~base~~ with brighter green chelae, trans-
lucent white; of other with pale pinkish
vinaceous tinge

Smaller ^{one} female body + chela, dull sage x
chromium green, smaller ^{one} male much
the same only yellower, tending toward
olive yellow on through greens had olive yellow
tinge. Segs of large female about same
pinkish vinaceous in smaller & lighter.

Smaller spec. in lost. very pale of body
almost light smoke grey. Chelae not more
than pale olive buff. ^{chela} long + ^{dark} dark
near to extreme white with orange vinaceous
flush, in large darker female + darker male
this color is more a tanony on fingers of small
chela only

(smallest spec. without eggs
lost both chela in sugar)

All put in sugar.

#7-32 June 20, 1932

Callianassa

Translucent very pale smoke grayish
white, distal portion of next to last & last
abd. 2nd & tail fan suffused with ~~the~~ bet.
rose & vinaceous pink, inner ~~face~~ sur-
face of large cheliped, top & half way down
on outer face same ~~color~~, quite solid
fingers about all white, small cheliped
all white as are ambulatory legs too.

First two abd. 2nd & 3rd, tawny within (ovary)



lightest var } changeable area brownish to

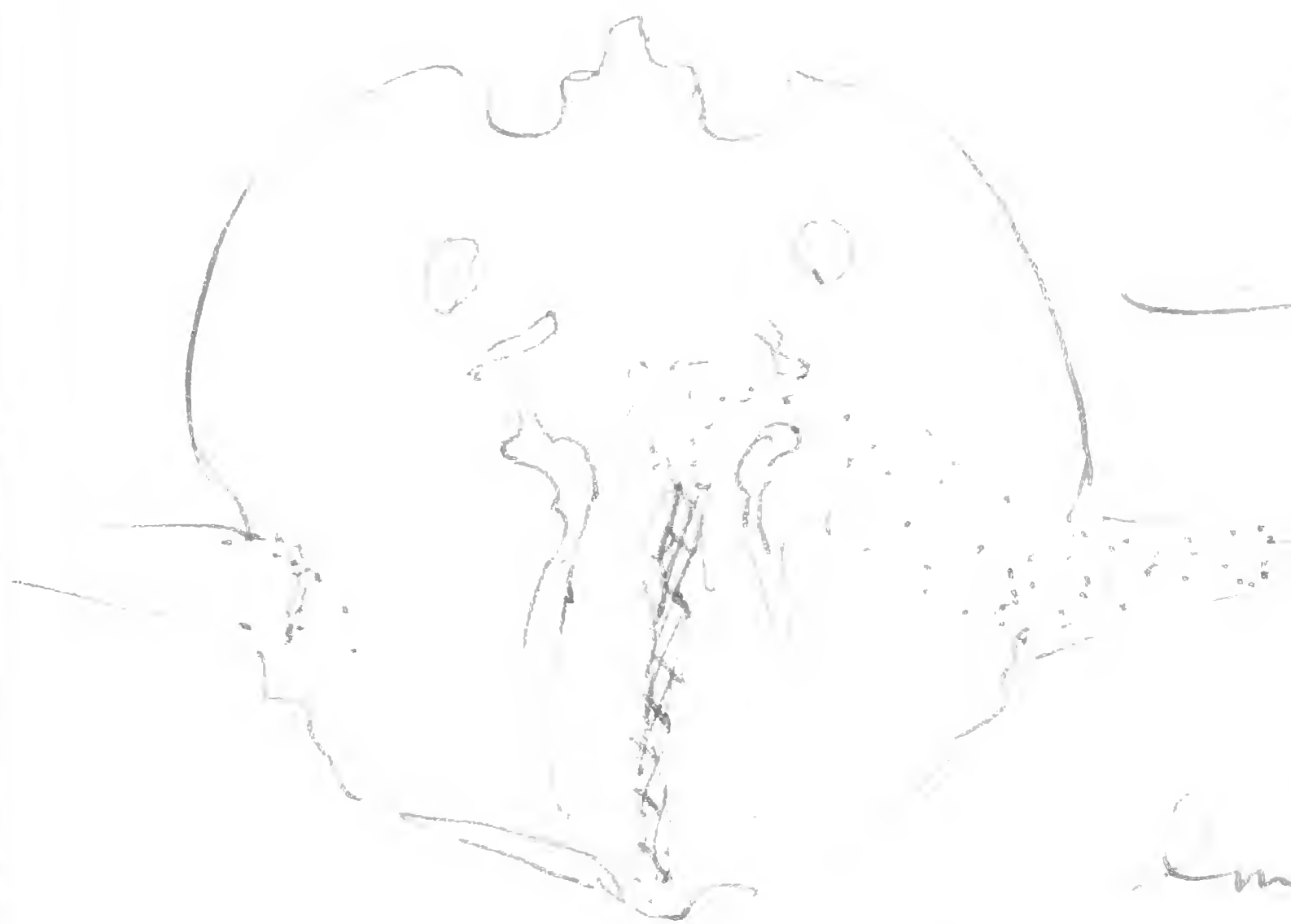
this area grey

(^{grey} planktonic)
shifting & moving.

Acanthocarpus bispinosus

30-32. July 2, 1931

ground color of hinder third of carapace
(behind lateral spines) pale rose pink



cuticular areas light lavender
gray.

Ant. $\frac{2}{3}$ carapace

Pericard spotted &

peckled with scarlet

vermillion

longitudinally banded portions

~~distally~~ with orange chrome, extreme
tip & very little of it whitish

Lower half of chelae rose pink upper half darker
appear **due** to scattered red specks on
some of granules, teeth at tip of chelae dirty
white fingers almost china white

Legs. ground color rose pink toward &

lower margins more a peach blossom pink
on upper margins ^{newly} white, on anterior face
of third fourth, and fifth carpus & at ant distal
end of merus few reticulations of red (color of
red on carapace).

Conchodytes domestica

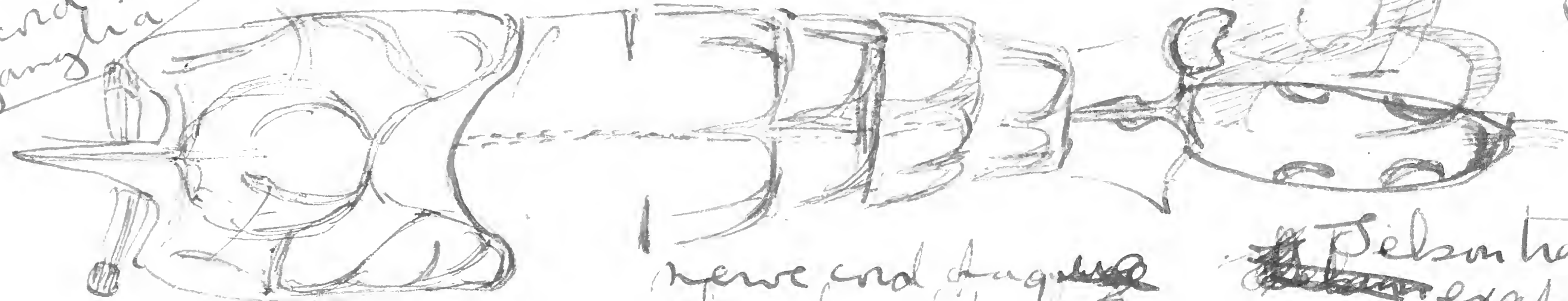
Pontonid from Panama
July 7, 1932

Boydell had found

about 30 specimens
of Boydell

little dark
opaque dot
on gill plate
coll. of
Boydell

whole of ventral
nerve cord opaque
+ short ganglia



nerve cord opaque
throughout body.

Pelton transparent
except for

this opaque band
of stomach

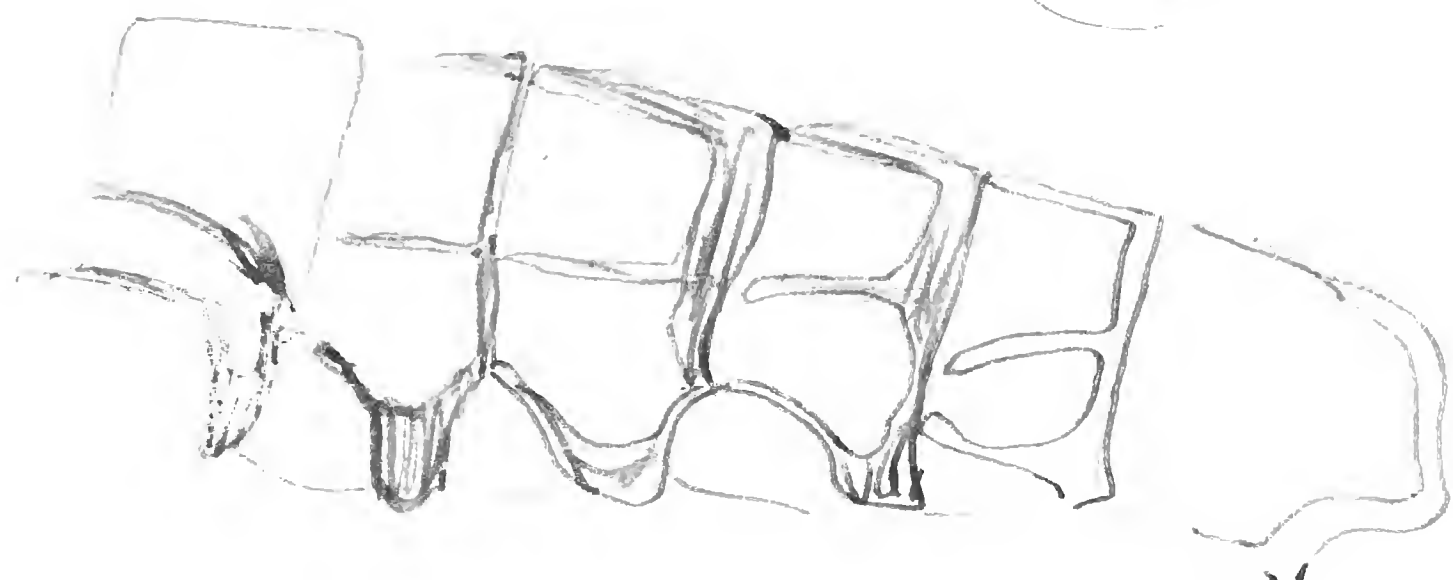
clear colorless, of glass like trans-
parency with reticulating opaque
lines of white. Outer blade of tail
fan with small nearly circular clear
area, inner blade nearly wholly clear
large clear central area. Pelton
clear except around lateral spine
and little hinder distal piece.

fringing hairs
everywhere wholly
transparent

ambulatory legs are transparent except at distal and proximal
extremities of joints, more of the opaque at the distal
rather than the proximal end. Hapti transparent
throughout + prothodi except for very little of the
opaque at extreme prox. end.

Antennal + thin flagellum of antennules alternately
transparent + opaque. otherwise antennules + peduncles
have very little opacity with and where there is, is
thin + wispy-washy forming no definite pattern.
Antennal scales faintly opaque around margins
otherwise wholly transparent.

Conchodytes domestica July 7, 1932.
Pondweed from Panama by Boyden



side view of
Conchodytes
abdomen



gills absolutely trans-
parent.

Euryplan nitida

Taken east of
Bush Key. July 8, 1932
of chela

Upper fourth + top margin, inside and out,
including basal third of fourth of movable
finger speckled with ^{small} dots. ^{to be} somewhat
reticulating, of chestnut

Orbital margin + this rim ^{but not tips}
of teeth which are ^{chitinous} white ^{color}

General surface of carapace wood brown, lighter
fawn color; eyestalks more wood brown, lighter
Corneae grayish

^{Distal half of terminal article of antennular peduncle, gamboge yellow.}
Thicker of antennular flagella ^{yellow}
as are upper margins of basal half of ambu-
latory men of last pair of legs.

Spotting of ^{also} ~~delipeds~~ on top of carapace and on
distal upper third of men

Also on upper margin of upper half fore + aft
of joints of ambulatory legs ^{which are}
distally white + basally (2/3) wood brown with a
suggestion of yellow, distal extreme end of
propodus yellow, a pale translucent gamboge ^{yellow}
and distal half of men brown spotted basal
half white / rest of chela + fixed fingers
chitina white

Color notes of June 26, 1932

(1) P. depressum, lower fixed finger
spec. purple ~~purple~~ purple spot at articulation
not specially labelled

(2) ? marginalis three in bottle, remarks
apply particularly to larger but tiny
specimen looks similar as I recall.
both fingers blue at base, blue
spotlet on lower half of anterior
inner border of palm.

(3) 
deep red
whitish
red like base
white tips
red = carmine

(4) ~~dark~~ spotlet
see also next sheet.

(dark spotlet, slaty, darkish)
brownish
at articulation and base
of movable finger


tan
white tips

(mostly
whitish lower
finger back
from white
tip)

~~As~~ I thought at first there
was a range.

Coln notes of June 26, cont'd

(5) Also got a couple of P. zayz in seine, from gulf weed presumably in several bunches of that were in net.

In #4 not July 11



dark patch at articulation does

not involve fingers as far as I can make out in Alcoholic spec. two weeks later. Originally I thought I was noting color markings of a P. zayz. Now (2 weeks later) patch is on palm at artic. + movable finger is darker at base and fixed one is quite lighter back into palm.

#4 in fresh P. zayz (not of 26th) this patch is reddish-brownish tan.

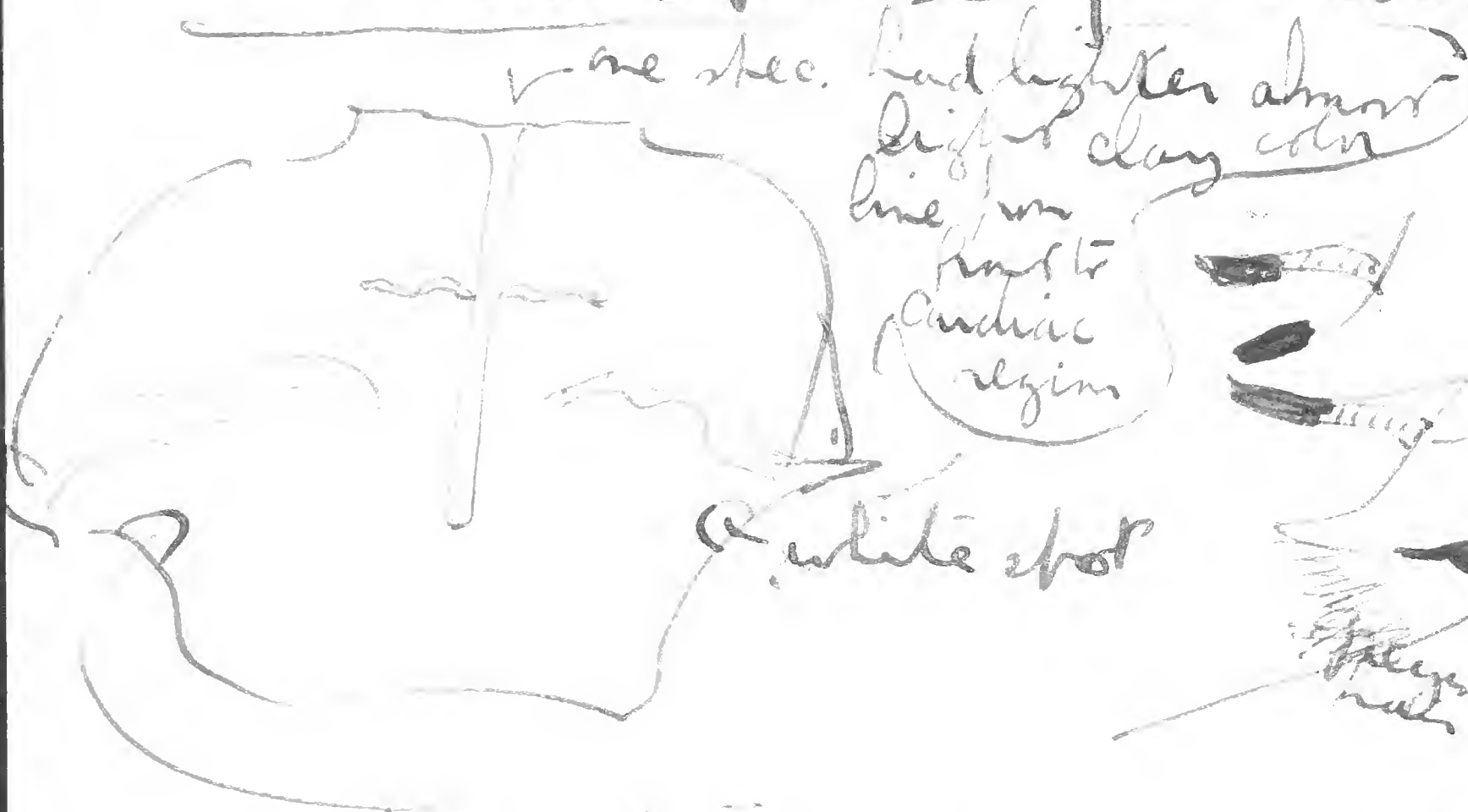
Added date of capture see lat. spec. of P. spinimanus taken by Wells showing at surface about a mile west of JBR. finger red ^{exposed} behind white, white in middle + blue at base. — Red white + the fingers

iridescent bands above
 will serve to identify this
 species. both (2 spec.) in 1 region.
 Palawan

July 25-32

observed on floor
 inside Bird Key Reef near South end

little reddish speckling in fins & ^{scattered} ~~abundant~~ ^{or} carapace ^{almost} ~~uniform~~ ^{regions}
 (lots of granulations & tubercles) = mostly red of fingers some fin almost
 General ground color carapace sort of
 thin brown to olive with whitish mottlings and
 maculations irregular curved whitish band over
 branchial region. ~~tail~~ ^{very narrow} thin hairy
 one transverse across gastric region



3d lateral first one with red
 spot behind first to center
 orbital above
 nape field
 pinkish ~~B~~ ^{red} ~~carapace~~ ^{color}
 yellowish

Head of anabantus particularly first
 a little reddish above basals

basals (carpi with fins)
 (kind of reddish distally light) not flint white
 cross banded with dark (= very light head region?)
 cinnamon rufous with white
 (peral greyish between (-light bars))
 yet suggesting general color of
 carapace

Extremely
 nice before is a
 touch of light above
 gamboge yellow all over
 This sketch
 almost salmon red
 yet in some way suggesting
 cadmium orange
 proximally below fading
 where it unites into and
 merges with red above

Eyes fawn color with
 delicate hazel mottlings
 Antennules greyish with darker
 barring (banded
 antennae + peduncles darker band over)

tip a end of
peduncle

last joint of

apparently
inside flagellum

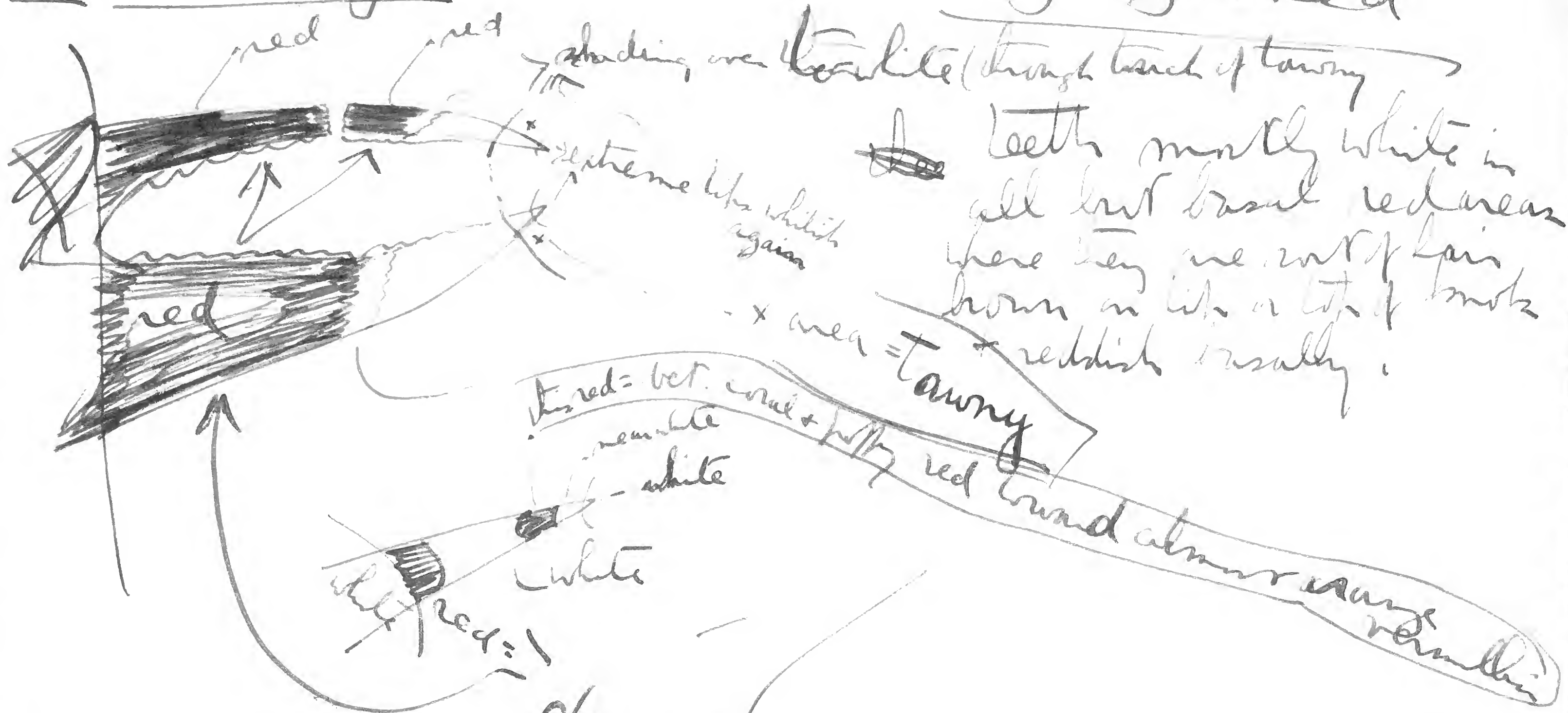
is orange rufous
just like an
eye maybe

stimulates me,
certainly in movement

P. ordwayi

(2)

July 25, 1932
Gleined



Teeth mostly white in all but basal red areas where they are sort of fair brown or like a bit of knots reddish basally.

~~Paddle~~ Paddle legs more or less banded like ambulatoria but also more mottled in appearance

Paddles thin hyaline



outer side thin red line

transparent part tinged with darker parts of gallstone yellow but opaque

yellow line gall stone

sort of dark opaquish gallstone yellow.

Hairs fringing are in ^{clouded} ~~one~~ spec whitish to yellowish in other almost rufous

44-32

July 14, 1932, Along

Dactylus dark
dark corneous
just before claws
extremity of dactyl
whitish (very slight greenish tinge)



Song to Bush Key Beach
on sand flat near water's edge
Propodus, between narrow
white lines ground color
uniform thick seal brown
hairs from pits, ^{very} light yellow
pits, ^{themselves} with a slight greenish
cast, (sage green)

Libanarius vittatus

Same color marks the tubercles of palm
but they have a narrow whitish ring ^{+ extreme tips white}
around the respective bases of in both
fingers these same tubercles are nearly all
white. Hairs on hands also sage
greenish.

Movable finger with

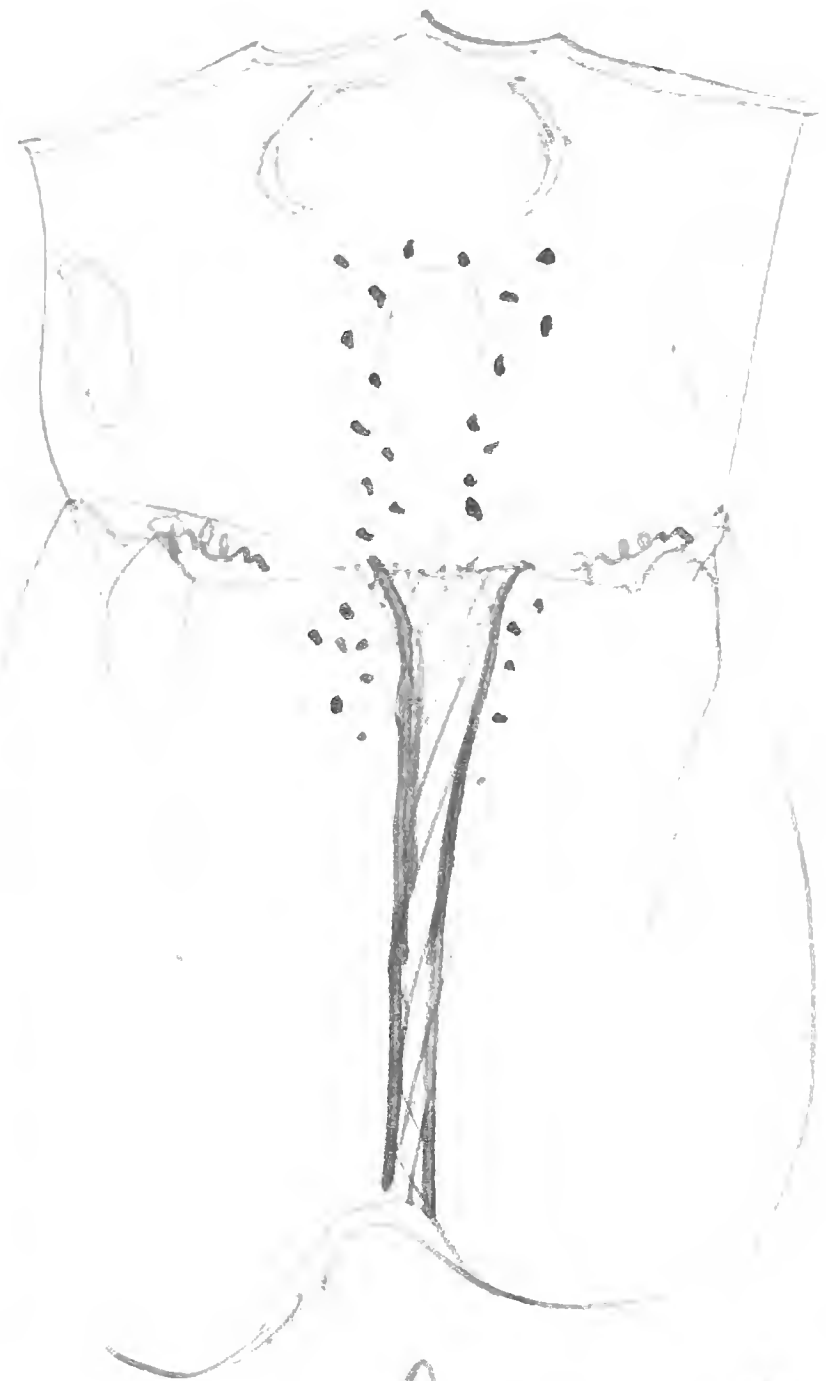


top view
two narrow
bands of near

white slightly tinged with brownish. between
lines greenish ground color is lighter &
of somewhat different shade sort of bluish
Cutting edges of fingers dark corneous the
black of bay color, above which narrow
band of ~~uniform~~ back to articulation but
not crossing white lines on top of finger
which run down to edge

44-32 July 14, 1932

Chlorantrus nitatus (c. n. d.)



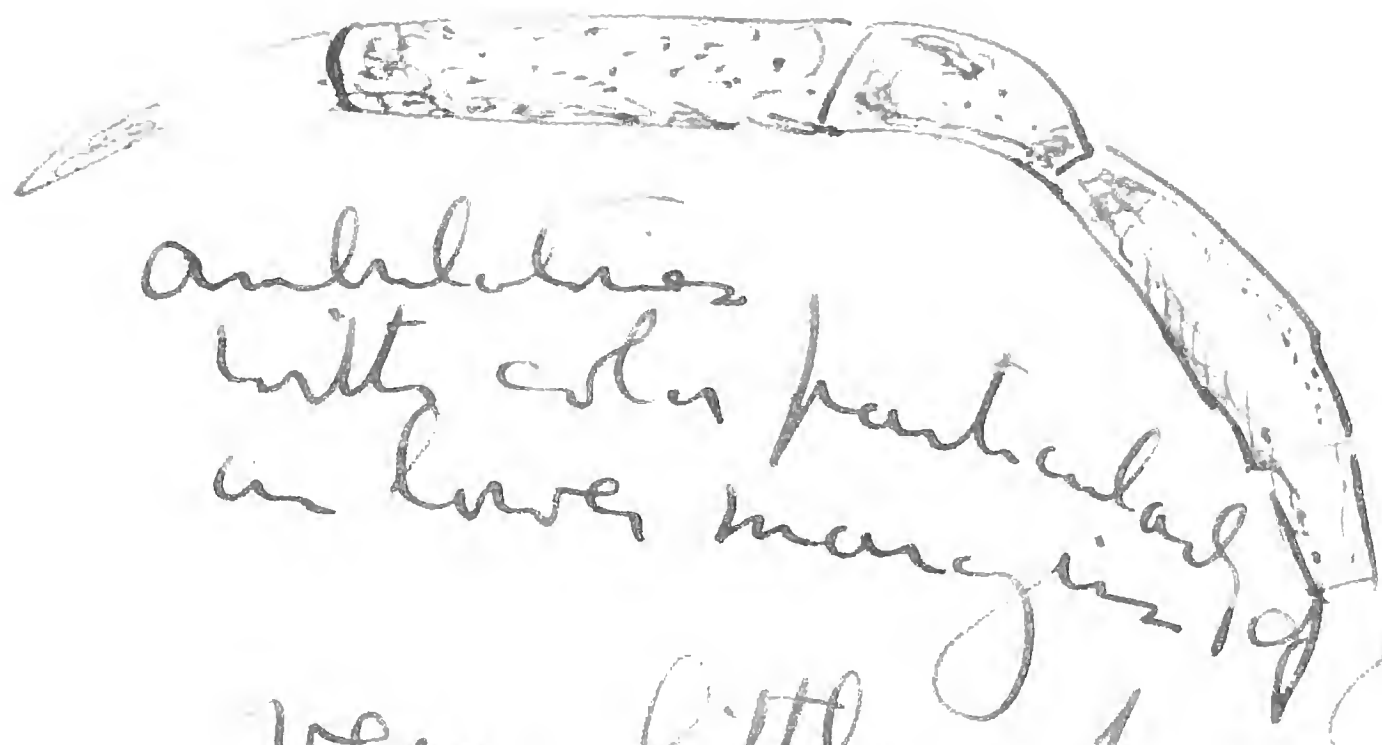
light areas and marginings outlined
~~rest~~ rest of carapace light
pale green, with whitish and
pale green spots - rather widely separated
with occasional almost black green
ones as indicated. light areas
& marginings = light buff yellow

cross hatched area on median
line of hind part of carapace, dark
of sage green with black of french green
as approaching
on branching suture lines, also with
the scattered whitish spots.

Eye stalks with almost black of olive green
above yet much like general color of
legs or carapace, sort of a blend or
crossing over between them. Cornea sage
green - ~~green~~ mottled. Each side of eye stalk
light buff yellow. stripe of same
on top of distal joint of antennular
peduncle & thicker flagellum. almost black green
& lighter alternated. hairs beneath surface
distal joint of antennular peduncle with light
stripes on outer side with diff shade between like tips of movable
finger flagella, rest of ant & ant. peduncles, ant. scales & eye scales like
ground color of legs.

abd. of a chub muddling washed and sage green

Little symmetrical hermit.
 #64-32



ambulatories
 with color particularly
 on lower margins of joints

very little color on 3 + 4th legs.

thick of antennular flagella with
 a bit otherwise antennae +
 antennules + pedicels with
 color.

all legs set

elementary heart straight through
 scarlet
~~orange~~ vermillion
 (and basal half of telson)

Abdomen except for first part of first
 somite the thin transparent Chinese
 orange.

color ^{markings} ~~less~~ delimited legs + eyes +
 antennular flagella = coral red

Green cheela Calceus

June 28, 1932.

I had a similar
hermit in
#7 or 8-32

Bird Key Reef taken by Wells
Preserved in

Eggs. Crimson & burnt carmine sugar vol.

Abdomen and hinder half of carapace
(lighter) sort of lake red & white speckled
last seg. of abdomen, telson & tail fan
pleopods last legs & all joints
of ambulatories proximal to carpi
= sort of ~~white~~ cream color toward
cream buff. distally more shade
into buff & little darker, which is
color of carpi.

Propodi of ambulatories, right lines
brown to Bay & toward upper margin
with more red, like maroon; O uter
and beneath more a ~~Red~~ Prout brown
~~times~~ bistris distal fourth or fifth of
propodus all the way around the same
(Prout brown & bistris, getting
white at articulation).

Basal 2/3 of propodi near, or actually
white (cream?) with very slight suggestion
of yellowish cast, ~~then~~ somewhat like tail

Have a shell taken same day is tide pools west side of
Soggerhead with operculum very much of same green color. Primary?
#7 or 8-32

Green chela Calcarina June 28, 1932 (cont'd) ⁽²⁾

Jan, next third a bright red (bright crimson) (I should say bright new red blood) color final third a less white again like basal portion claws - next

~~start~~ Pad beneath at ~~end~~ ^{next} of last legs canary yellow

Dance using last leg on left side to work over front bunch of eggs on most left pleopod and both of legs of this pair to scratch about under gill chamber much like man scratching his back at least that's the feel he got watching Japanese legs worked alternately ^{pushing} one going round as other was being pulled back.

Ant. portion of carapace tinged centrally with light muddy white green ^{speckled with light} sides much washed and ^{with light} heliotrope purple, or something like.

Eye stalks, ~~orange~~ ochraceous (bright light tan?)
Basal flagella of antennules and all but basal joint of antennal peduncle + ant. scale

Green chela Calceus

June 28, 1932 (3)
(Cul)

The same color, but brighter tending toward orange, Antennular peduncle malachite green x beryl green (bet. Jenever green + malachite)

Eyescale joint⁽²⁾ scale + basal joint of ant⁽²⁾. whitish

Antennal flagellum, transverse (amber color)

Chelipeds bright malachite green.

x beryl green (bet. Jenever + malachite green)

all joints distally ~~to~~ edged with cream buff with mere suggestion a leaning toward a washed out bay color (may buff is best description a light tinge to ochraceous buff.) There is a band

of this same color down upper margin of ^{margin} chela, + a mere trace on inner

fingers + anterior palmar border, wholly

this color, shading lighter + little more yellow (tail fan color) to edges of tips which are almost dull translucent white but only nearest edge